

## CLAIMS

1. A disk apparatus comprising a chassis outer sheath having a base body and a lid, in which a front surface of said chassis outer sheath is formed with a disk inserting opening into which a disk is directly inserted, the base body is provided with a traverse, a spindle motor having a rotation stage on which the disk is placed is held by the traverse, one side of the traverse is inclined and moved by vertically moving means, thereby bringing the rotation stage close to the lid, the disk placed on the rotation stage is pushed toward the rotation stage to mount the disk on the rotation stage by the convex portion provided on the side of the lid such that the convex portion projects toward the rotation stage at a position opposed to the rotation stage, wherein when a tip end of the convex portion is inclined such that the tip end of the convex portion becomes substantially in parallel to a surface of the rotation stage when the traverse approaches the lid.

2. The disk apparatus according to claim 1, wherein the convex portion is integrally formed with the lid by drawing.

3. The disk apparatus according to claim 1 or 2, wherein the tip end of the convex portion on the side of the disk insertion opening is inclined toward the rotation stage.

4. The disk apparatus according to claim 1 or 2, wherein a main slider and a sub-slider are provided as the vertically moving means, the main slider is disposed on the side of the spindle motor in such a direction that one end of the main slider comes on the side of a front surface of the chassis outer sheath and the other end comes on the side of a rear surface of the chassis outer sheath, the sub-slider is disposed on the side of the rear surface of the spindle motor in a direction perpendicular to the main slider.

5. A disk apparatus comprising a spindle motor having a rotation stage on which a disk is placed, a hub which is disposed on a center of the rotation stage and which holds the disk, a traverse whose one end holds the spindle motor, vertically moving means which vertically moves the one end of the traverse around the other end of the traverse as a rotation support shaft, and an opening disposed at a location opposed to the rotation stage, wherein a convex portion projecting toward the rotation stage is provided around the opening, a convex portion located on the other end of the traverse is higher than a convex portion located on the one end of the traverse.